

Product datasheet for **TP301228M**

DTYMK (NM_012145) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human deoxythymidylate kinase (thymidylate kinase) (DTYMK), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC201228 protein sequence Red =Cloning site Green =Tags(s) |
| | MAARRGALIVLEGVDRAGKSTQSRKLVEALCAAGHRAELLRFPERSTEIGKLLSSYLQKKSDVEDHSVHL LFSANRWEQVPLIKEKLSQGVTLVVDRYAFSGVAFTGAKENFSLDWCKQPDVGLPKPDLVFLQLQLADA AKRGAFGHERYENGAQFQERALRCFHQLMKDITLWKMVDASKSIEAVHEDIRVLSEDAIRTATEKPLGEL WK TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 23.6 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_036277</u> |
| Locus ID: | 1841 |



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|-------------------|--|
| UniProt ID: | P23919 , Q6FGU2 |
| RefSeq Size: | 1227 |
| Cytogenetics: | 2q37.3 |
| RefSeq ORF: | 636 |
| Synonyms: | CDC8; PP3731; TMPK; TYMK |
| Summary: | Catalyzes the conversion of dTMP to dTDP.[UniProtKB/Swiss-Prot Function] |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Metabolic pathways, Pyrimidine metabolism |

Product images:



Coomassie blue staining of purified DTYMK protein (Cat# [TP301228]). The protein was produced from HEK293T cells transfected with DTYMK cDNA clone (Cat# [RC201228]) using MegaTran 2.0 (Cat# [TT210002]).